



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

Delorme, *et al.*

U.S. Natl. Phase of PCT/SE99/01075

Intl. Filing Date: June 16, 1999

§ 371 Date: June 1, 2000

Appl. No.: 09/555,575

For: **Novel Compounds Useful in  
Pain Management**

Art Unit: 1621

Examiner: B. Davis

Atty. Dkt.: 7567/73178  
(Formerly 81823/268623)

**Supplemental Information Disclosure Statement**

Commissioner of Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, **MS RCE**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Submitted herewith is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. § 1.56. These references were cited in an Examination Report dated March 6, 2003 from the European Patent Office, a copy of which is enclosed. Copies of the listed documents are also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned attorney submits the following concise explanation of the relevance of the non-English language documents cited on the accompanying form:

Reference AH1, Swiss patent document CH 441 336, describes a procedure for producing substituted hydrazine compounds. An English language translation of this document is enclosed herewith and cited on the accompanying list of references as document AL1.

Reference AN1, a scientific article by Hinsberg, *et al.*, describes a microcolorimetric method for assaying copper in human livers with cryogen. An English language translation of this document is enclosed herewith and cited on the accompanying list of references as document AO1.

Reference AR1, a scientific article by Ruggli, *et al.*, describes derivatives of m-xylylene diamine. An English language translation of this document is enclosed herewith and cited on the accompanying list of references as document AS1.

Reference AN2, a scientific article by Wieland, *et al.*, describes the synthesis and some characteristics of m-phenylene-dihydrazine. An English language translation of this document is enclosed herewith and cited on the accompanying list of references as document AO2.

Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the present application. This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made.

Consideration of the cited documents and making the same of record in the prosecution of the above-captioned application are respectfully requested.

Applicants do not believe any fee is due for the submission of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee deficiency to our Deposit Account No. 06-1135 under Order No. 7567/73178.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

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<p><b>LIST OF REFERENCES CITED BY APPLICANT</b>  <i>(Use several sheets if necessary)</i></p> <div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="text-align: center;"> <p>SEP 05 2003</p> <p>U.S. PATENT &amp; TRADEMARK OFFICE</p> </div> </div>				Atty. Docket No.: 7567/73178		Appl No.: 09/555,575		
				Applicant(s) Delorme, <i>et al.</i>				
				Filing Date: June 1, 2000		Group: 1621		
<b>U.S. PATENT DOCUMENTS</b>								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AH I	CH 441 366	Aug. 15, 1967	Switzerland	C07C	109/00	X	
	AI							
	AJ							
	AK							
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AL I	English translation of CH 441 366, reference AH1 above.						
	AM I	FAN, <i>et al.</i> , "Molecular Recognition: Hydrogen-Bonding Receptors that Function in Highly Competitive Solvents," <i>J. Am.Chem. Soc.</i> 115:369-370 (1993).						
	AN I	HINSBERG, <i>et al.</i> , "Mikrokolorimetrische Kupferbestimmung in menschlichen Lebern mit Kryogenin," <i>Biochem. Z.</i> 289:57-64 (1937).						
	AO I	English language translation of Hinsberg, <i>et al.</i> , Reference AN1 above.						
	AP I	LEUNG, <i>et al.</i> , "S,S-Dimethyl Dithiocarbonate: A Convenient Reagent for the Synthesis of Symmetrical and Unsymmetrical Ureas," <i>J. Org. Chem.</i> 61:4175-4179 (1996).						
	AQ I	NISHIZAWA, <i>et al.</i> , "Anion Recognition by Urea and Thiourea Groups: Remarkably Simple Neutral Receptors for Dihydrogenphosphate," <i>Tetrahedron Letters</i> 36:6483-6486 (1995).						
	AR I	RUGGLI, <i>et al.</i> , "Über Derivate von m-Xylylen-diamin," <i>Helv. Chim. Acta</i> 30:1845-1852 (1947).						
	AS I	English language translation of Ruggli, <i>et al.</i> , Reference AR1 above.						
Examiner				Date Considered				

<b>LIST OF REFERENCES CITED BY APPLICANT</b> <i>(Use several sheets if necessary)</i>				Atty. Docket No.: 7567/73178		Appl No.: 09/555,575	
				Applicant(s) Delorme, <i>et al.</i>			
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U.S. PATENT DOCUMENTS							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

  

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AH							
	AI							
	AJ							
	AK							

  

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AL 2	TSUGE, <i>et al.</i> , "Studies of Acyl Isocyanate-IV <sup>1</sup> , Synthesis of Dioyl Diisocyanates," <i>Tetrahedron</i> 24:2583-2590 (1968).
	AM2	WEINSTOCK, <i>et al.</i> , "A Structural Modification Study of Procarbazine," <i>J. Med. Chem.</i> 22:594-597 (1979).
	AN 2	WIELAND, <i>et al.</i> , "Über <i>m</i> -Phenylene-dihydrazin," <i>Chem. Ber.</i> 64:2613-2516 (1931).
	AO 2	English language translation of Wieland, <i>et al.</i> , Reference AM2 above.
	AP	
	AQ	
	AR	
	AS	

  

Examiner	Date Considered
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